



**PATENT**

**Docket No. 003948 USA X01/ETCH/SILICON/JB**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Box CPA  
Commissioner for Patents  
Washington, DC 20231

**CONTINUED PROSECUTION APPLICATION (CPA) REQUEST TRANSMITTAL**

**This is a request for a:**

☒ Continuation

☐ Divisional

application under 37 CFR §1.53(d) of prior application:

**RECEIVED**

**DEC 12 2001**

**OFFICE OF PETITIONS**

**PARTICULARS OF PRIOR APPLICATION**

Application Serial No. **09/379,753**

Filed: **08/24/1999**

Examiner: **Rudy Zervigon**

Title: **MONITORING A PROCESS AND COMPENSATING FOR  
RADIATION SOURCE FLUCTUATIONS**

New Attorney Docket No. **003948 USA/ETCH/SILICON/JB**

**INVENTORSHIP STATEMENT**

This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above, and the inventor(s) in this application are:

☒ the same

S:\CLIENT\APPLIED\Endpoint\3948\cpa.wpd

1 of 5

12/12/2001 GTEFFERA 00000051 501074 09379753

01 FC:131 740.00 CH  
02 FC:103 396.00 CH  
03 FC:102 336.00 CH

- ☐ less than those named in the prior application, and it is requested that the following inventor(s) identified above for the prior application be deleted:

**AMENDMENTS AND IDENTIFICATION OF CLAIMS FOR FURTHER PROSECUTION**

- ☒ The fees to be charged are to be based on the number of claims remaining as a result of the:
- ☐ attached amendment
- ☒ unentered amendment filed under 37 CFR 1.116 in the prior application, which was previously filed on 04/14/2001 and is hereby requested to be entered.
- ☐ claims on file in the prior application

**RECEIVED**

DEC 12 2001

**FEE CALCULATION (37 CFR 1.16)**

OFFICE OF PETITIONS

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	FEEES FOR EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE
BASIC FEE				\$740.00
TOTAL CLAIMS	42	-20 = 22	x\$18.00 =	\$396.00
INDEPENDENT CLAIMS	7	-3 = 4	x\$84.00 =	\$336.00
First Presentation of Multiple Dependent Claims				+\$270.00
Total Filing Fee Calculation				\$1472.00

**PETITION FOR SUSPENSION OF PROSECUTION FOR THE TIME NECESSARY TO FILE  
AN AMENDMENT**

- ☐ There is provided herewith a Petition for Suspension of Prosecution for the Time Necessary to File an Amendment (37 CFR 1.103) - New Application Filed Concurrently

**PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(A)**

- ☒ This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response in the prior application. The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

- ☐ One month (37 CFR 1.17(a)(1)) \$ \_\_\_\_\_
- ☐ Two months (37 CFR 1.17(a)(2)) \$ \_\_\_\_\_
- ☐ Three months (37 CFR 1.17(a)(3)) \$ \_\_\_\_\_
- ☐ Four months (37 CFR 1.17 (a)(4)) \$ \_\_\_\_\_
- ☐ Five months (37 CFR 1.17 (a)(5)) \$ \_\_\_\_\_

**FEE PAYMENT BEING MADE AT THIS TIME**

- ☐ No filing fee is submitted
- ☒ Filing Fee \$1472.00
- ☐ Petition for Extension of Time Under 37 CFR 1.136(a) fee \$ \_\_\_\_\_
- ☐ Recording assignment (\$40) [37 CFR 1.21(h)]
- ☐ Processing and retention fee (\$130) [37 CFR 1.53(d) and 1.21(l)]
- ☒ Please charge deposit account no. 50-1074 in the amount of: \$1472.00

(A duplicate copy of this request is enclosed)

**AUTHORIZATION TO CHARGE ADDITIONAL FEES**

- ☒ The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the entire pendency of this application, to Deposit Account No. 50-1074.

- ☒ 37 CFR 1.16(a), (f) or (g) (filing fees)
- ☒ 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)

- ☒ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☒ 37 CFR 1.17 (application processing fees)
- ☐ 37 CFR 1.18 [issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(h)]

### INSTRUCTIONS AS TO OVERPAYMENT

- ☒ Credit Deposit Account No. 50-1074

### ASSIGNMENT

- ☒ The prior application is assigned of record to: Applied Materials, Inc.
- ☐ An assignment of the invention to: \_\_\_\_\_, is attached.
- ☐ Form PTO 1595 (Recordation Form Cover Sheet) is also attached (in duplicate)

RECEIVED

DEC 12 2001

OFFICE OF PETITIONS

### POWER OF ATTORNEY

- ☒ The power of attorney in the prior application is to:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 25,436
Robert W. Mulcahy	Registration No. 37,487
Ashok K. Janah	Registration No. 37,487

- ☒ The power appears in the original papers in the prior application.
- ☐ The power does not appear in the original papers, but was filed on \_\_\_\_\_.
- ☐ A new power has been executed and is attached.

# MAINTENANCE OF COPENDENCY OF PRIOR APPLICATION

- [ ] A petition, fee and response has been filed to extend the term in the pending prior application until \_\_\_\_\_

## INFORMATION DISCLOSURE STATEMENT

- [ ] Submitted herewith is an Information Disclosure Statement  
[ ] PTO-1449  
[ ] Copies of IDS Citations

RECEIVED

DEC 12 2001

OFFICE OF PETITIONS

Respectfully submitted,  
APPLIED MATERIALS, INC.

Dated: 11/5/01

By: \_\_\_\_\_

Robert W. Mulcahy  
Reg. No. 25,436

Please direct all telephone calls to:

Ashok K. Janah  
(415) 538-1555

Please continue to send all correspondence to:

Patent Counsel  
APPLIED MATERIALS, INC.  
P.O. Box 450A  
Santa Clara, California 95052

NOV 05 2001

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Applied Materials**  
 Serial No: 09/379,753  
 Filed: 8/24/1998  
 For: **MONITORING A PROCESS AND COMPENSATING FOR RADIATION SOURCE FLUCTUATIONS**

Group No: 1763  
 Examiner: Zervigon  
 Attorney Docket No: 000946 USA/ETCH/SILICON.B1  
 April 17, 2001  
 San Francisco, California

RECEIVED

Box AF  
 Commissioner for Patents  
 Washington, D.C. 20231

Extension of Term  
 Applicant petitions for an extension of time under 37 CFR 1.136.

DEC 12 2001

OFFICE OF PETITIONS

1. Papers Enclosed
- Amendment, Marked-Up Copy of Claims/Specification
  - 0 Sheets of Informal drawings
  - Supplemental Information Disclosure Statement
  - Form PTO-1448
  - Citations
  - Postcard for return
  - \_\_\_\_\_
  - \_\_\_\_\_

Extension (Months)	Extension Fee
<input type="checkbox"/> One Month	\$110.00
<input type="checkbox"/> Two Months	\$290.00
<input checked="" type="checkbox"/> Three Months	\$890.00
<input type="checkbox"/> Four Months	\$1,390.00
Total: \$ 890.00	

□ Applicant believes no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

## Fees for Extra Claims

## Amendment Fee Calculation

	Claims remaining after amendment	Highest Number Previously Paid for	Number Extra	Rate	Additional Fee
				Large Entry	
Total Claims	42	59	-17	\$18.00	0
Independent Claims	7	9	-2	\$80.00	0
Multiple Dependent claims				\$270.00	0
Supplemental Information Disclosure Statement				\$180.00	0.00
TOTAL					0.00

## FEE PAYMENT

Extension Fees \$ 890.00  
 Fees for Extra Claims • \$ 0.00  
 Total: \$ 890.00

- Attached is check no. \_\_\_\_\_ in the sum of \$0.00.  
 • Please charge account no. 50-1074 in the sum of \$ 890.00.  
 A duplicate of this transmittal is attached.

## FEE DEFICIENCY

- If any additional extension and/or fee is required, charge Account No. 50-1074.  
 and/or  
 • If any additional fee for claims is required, charge Account No. 50-1074.

Please direct all telephone calls to:  
 Ashok K. Janah at (415)538-1566.

Please continue to send correspondence to:  
 Patent Counsel  
 APPLIED MATERIALS, INC.  
 P.O. Box 450A  
 Santa Clara, CA 95050

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Box AF  
 Commissioner for Patents  
 Washington, D.C. 20231

By: Rosena Montoya, dated 04/17/01  
 Rosena Montoya

Respectfully submitted,

Robert W. Mulcahy  
 Registration No. 25,436

Date 4/17/01

BEST AVAILABLE COPY

#15



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: GRIMBERGEN	Group Art Unit: 1763
Serial No: 09/379,753	Examiner: Rudy Zervigon
Filed: August 24, 1999	Attorney Docket No: 003948 USA/ETCH/SILICON/JB1
For: MONITORING A PROCESS AND COMPENSATING FOR RADIATION SOURCE FLUCTUATIONS	April 17, 2001 San Francisco, California

RECEIVED

DEC 12 2001

OFFICE OF PETITIONS

AMENDMENT

Box AF  
Commissioner for Patents  
Washington, D.C. 20231

**COPY**

Examiner Zervigon:

This amendment is in response to the office action mailed on October 20, 2000,  
and is filed within 6 months thereof with a three month extension fee.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:	
Box AF Commissioner for Patents Washington, D.C 20231	
By <u>Rowena Montoya</u> Rowena Montoya	Dated <u>04/17/01</u>